

CLAIMS

1. A method for employing adaptive event codes, comprising the steps of:
 - generating at least one adaptive event code, wherein the
 - 5 adaptive event code corresponds to a preexisting event code;
 - storing the adaptive event code in at least one table;
 - running the table, wherein the adaptive event codes are at least initially disabled; and
 - enabling the adaptive event code in response to a system event,
 - 10 wherein the preexisting event code that corresponds to the enabled adaptive event code is executed.
2. The method according to claim 1, further comprising the step of ignoring the adaptive event codes during the running step when the adaptive
- 15 event codes are disabled.
3. The method according to claim 1, wherein the adaptive event codes are stored in at least one of a macro table and a frame table.
- 20 4. The method according to claim 1, wherein the enabling the adaptive event code step comprises the step of setting at least one enabling bit to enable the adaptive event code.

5. The method according to claim 4, wherein the enabling bit is stored in an enabling register.

6. The method according to claim 1, further comprising the step of
5 retrieving from an adaptive event code register the corresponding preexisting event code that is to be executed.

7. The method according to claim 1, wherein the adaptive event code, the table and the preexisting event code are part of a timer.
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8. The method according to claim 7, wherein the timer is part of a communications device and assists in synchronizing the operation of the communications device with a base station.

9. The method according to claim 1, wherein the table has a loop
15 counter value and the step of running the table comprises the step of repeatedly executing the table based on the loop counter value, wherein the preexisting event code is a command for stopping the running of the table.

10. A machine readable storage having stored thereon a computer program having a plurality of code sections executable by a machine for causing the machine to perform the steps of:

- 5 generating at least one adaptive event code, wherein the adaptive event code corresponds to a preexisting event code;
- storing the adaptive event code in at least one table;
- running the table, wherein the adaptive event codes are at least initially disabled; and
- 10 enabling the adaptive event code in response to a system event, wherein the preexisting event code that corresponds to the enabled adaptive event code is executed.

11. The machine readable storage according to claim 10, wherein
- 15 the executable code sections further cause the machine to perform the step of ignoring the adaptive event codes during the running step when the event codes are disabled.

12. The machine readable storage according to claim 10, wherein
- 20 the executable code sections further cause the machine to perform the step of setting at least one enabling bit to enable the adaptive event code.

13. The machine readable storage according to claim 10, wherein the executable code sections further cause the machine to perform the step

of retrieving from an adaptive event code register the corresponding preexisting event code that is to be executed.

14. A system for employing adaptive event codes, comprising:
a processing unit; and
a timer having at least one table, wherein the processing unit is
5 programmed to:

generate at least one adaptive event code, wherein the
adaptive event code corresponds to a preexisting event code
store the adaptive event code in the table;
run the table, wherein the adaptive event codes are at
10 least initially disabled;
enable the adaptive event code in response to a system
event; and
execute the preexisting event code that corresponds to
the enabled adaptive event code.

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15. The system according to claim 14, wherein the processing unit
is further programmed to ignore the adaptive event codes during the running
of the table when the event codes are disabled.

20 16. The system according to claim 14, wherein the adaptive event
codes are stored in at least one of a macro table and a frame table.

17. The system according to claim 14, wherein the processing unit is further programmed to set at least one enabling bit to enable the adaptive event code.

5 18. The system according to claim 17, further comprising an enabling register, wherein the processing unit is further programmed to store the enabling bit in the enabling register.

10 19. The system according to claim 14, further comprising an adaptive event code register and wherein the processing unit is further programmed to retrieve from the adaptive event code register the corresponding preexisting event code that is to be executed.

15 20. The system according to claim 14, wherein the timer and the processing unit are part of a communications device and wherein the timer assists in synchronizing the operation of the communications device with a base station.

20 21. The system according to claim 14, wherein the table has a loop counter value and the processing unit is further programmed to execute repeatedly the table based on the loop counter value, wherein the preexisting event code is a command to direct the processing unit to stop running the table.